

THE SURINAM TOAD

Extraordinary Way in Which It develops Takes Place.

In the year 1705 Miss Sibson Merian, in a book on the Batians of Surinam, described a toad, the extraordinary way in which the development of the young takes place. Ever since this animal has been subject of scientific observation, but from the mode of bringing up the little is known of the habits of this animal. With an African and Italian relative, this toad forms a rare family—the Aglossa or tongueless. "When the eggs are laid," says Sibson, "the male takes them in his mouth and contrives to place them on the back of his mate, where they adhere by means of a certain glutinous secretion and by degrees become imbedded in the skin. When the process is completed the cells are closed by a membrane, and the back of the toad bears a strong resemblance to a piece of dark honeycomb, while the cells are filled and closed. When the eggs are hatched, and in these receptacles the young pass through their first stages of life, not emerging until they have attained their full size and can move about on the ground. When the young have attained their perfect state they break their way through the cover of the cells, as a most singular aspect of their struggle from the skin, their head paws projecting in all directions (England) may be seen some very specimens of the Surinam toad."



THE SURINAM TOAD.

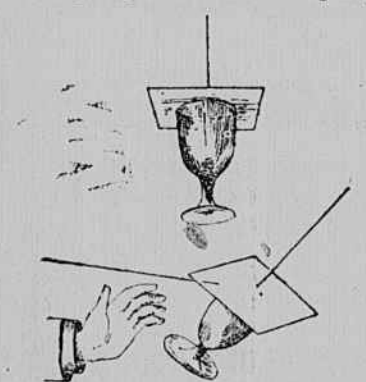
being entire, others dissected, so show the cells and their structure. After the whole brood have left, mother's back the cells begin to again, closing from below as we above, and becoming irregularly creased on the floor. The cells in middle of the back are the first to open. The whole process occupies more than eighty days. As its implies this singular creature inhabits Surinam, but is also found in various parts of Central America. In spite of its repulsive aspect, the negroes said to eat its flesh. The color of Surinam toad is brownish olive and whitish below. The skin is creased with a large number of tiny very hard granules among which interspersed some horny tubercle projections. The snout is very curly shaped, the nostrils being lengthened into a kind of leathery tube. The tail of the male is furnished with a large horny apparatus, of a triangular box-like shape, and within are movable pieces by which the voice is modulated.

A QUEER PENDULUM.

How to Make a Pretty Experiment Atmospheric Pressure.

If you fill a claret glass to the brim with water and cover it with a card piece of stout paper so as to exclude every particle of air, says the Philadelphia Times, the paper will adhere, everybody knows, by reason of the pressure of the atmosphere, to the card of the glass, and so closely that the liquid will not escape.

Here is another application of the same principle. Attach a piece of thread to the center of the card by passing through a pin-hole and securing it by



knotted on the other side, then cover the hole with a pellet of wax so as to make it air-tight. Hang the glass, by means of the thread, to a hook fixed in the ceiling, and you will thus have a pendulum that you may set swinging without any fear of the glass falling.

But the beginner must remember to grease the lip of the glass with suet, that it may adhere more closely to the cardboard, and (at any rate in his earlier attempts) he will do well to use toughened glass for the experiment.

The Language of Monkeys.

Prof. Garner, who has acquired reputation as a student of the monkey language, proposes to visit Africa, with such appliances for a residence among the gorillas as will enable him to become acquainted with their speech, the vocabulary of which is likely to be richer than that of ordinary monkeys. He intends to occupy a large and strong iron cage in which he can be safe from the attacks of the powerful animals, while he listens to their remarks and preserves them by the phonograph. Prof. Garner thinks that he will be able to ascertain the views of leading gorillas with less difficulty and more precision than is possible in the case of some distinguished persons who speak with great facility on topics of vital interest.

POLITICAL ANNOUNCEMENTS.

FOR COMMONWEALTH'S ATTORNEY.

To the Citizens of Roanoke: I hereby announce myself as a candidate for commonwealth's attorney for the city of Roanoke, and respectfully solicit your support at the Democratic primary, to be held upon a date not yet determined. If elected I will give to the discharge of the duties of the office my best ability and energy, and an experience of twelve years at the bar and four years in the administration of the laws of the State in a county of nearly 20,000 inhabitants, I pledge further, as far as I can, to enforce the political laws of the commonwealth impartially but rigidly, WITHOUT FEAR AND WITHOUT FAVOR.

Yours respectfully,
W. S. GOUGH.

TO THE CITIZENS OF ROANOKE.

I hereby announce myself a candidate for the position of Mayor of the City of Roanoke, subject to the action for the Democratic primary, to be held, should a primary be held. If elected I shall endeavor to discharge the office as best I can. Respectfully,
W. LUNSFORD.

FOR CITY SERGEANT.

I respectfully announce myself as a candidate for city sergeant at the election to be held in May, subject to the Democratic primary, if held.
J. G. KNEPP.

FOR CITY SERGEANT.

I respectfully announce myself a candidate for re-election to the office of city sergeant, subject to the action of the Democratic party, should a primary be held. If elected I shall strive to faithfully discharge my duties as in the past. Soliciting the support of the voters of Roanoke. I am their obedient servant.
J. B. TRAYNIM.

TO THE CITIZENS OF ROANOKE.

I hereby announce myself as a candidate for the position of commonwealth's attorney for the city of Roanoke, subject to the action of the Democratic party, should a primary be held. If elected I promise to discharge the duties of the office faithfully and fearlessly. Respectfully,
W. O. HADAWAY.

FOR COMMONWEALTH'S ATTORNEY.

Having been urged in a communication addressed to me appearing in THE TIMES to declare myself through the medium of the press, I respectfully announce that I am a candidate for the office of commonwealth's attorney for the city of Roanoke, and solicit the support of my fellow-citizens. If elected I will endeavor to discharge the duties of the office with fidelity and zeal. Very truly,
ESTON RANDOLPH.

ORDER OF PUBLICATION.

AT A HUSTINGS COURT CONTINUED AND held for the city of Roanoke, Va., on the 10th day of March, 1892.

The commissioner of accounts of this court having filed in the office of this court a report of the accounts of Alexander Hamilton, who was appointed administrator of Alvin M. James, deceased, more than one year prior to this date, causing among other things a fund in his hand for distribution, but showing, by his account, that he had received from the estate of Alexander Hamilton administrator of Annie M. James, deceased, and said Alvin M. James and Clyde H. James, infants, who sue by William H. W. James, their next friend, it is ordered that the creditors of said Alvin M. James, deceased, do appear before this court on the 15th day of May, 1892, and show cause, if any they can, why the estate of said Alvin M. James, deceased, shall not be paid and delivered to his distributees, and that a copy of this order be published once a week for four successive weeks in THE ROANOKE TIMES, a newspaper published in the city of Roanoke, Va., and be also posted at the front door of the courthouse of this court on the first day of the April and May terms, 1892, of the said court.

A copy test: S. S. BROOKE, Clerk.

315 law 1w

JAMES M. O'BRIEN, Plaintiff,

against

WALTER H. TERRY, Administrator of the estate of Alvin M. James, deceased; Sarah C. O'Brien and Lucy D. O'Brien, the last two being infants under the age of twenty-one years, and John A. Baker, guardian ad litem of said infants, Defendants.

To the plaintiff and defendants in the above cause, all creditors of Lucy D. O'Brien, deceased, and all others interested in this suit: Take notice that on the 21st day of March, 1892, between the hours of 10 a. m. and 5 p. m., at his office in this city, the undersigned, as special commissioner in the above-entitled cause, now pending in the Corporation Court for the city of Roanoke, will take the following accounts:

First, An account showing what amount is due James M. O'Brien by the estate of Lucy D. O'Brien, deceased.

Second, An account of all assets, personal and real, of which said Lucy D. O'Brien died seized and possessed.

Third, An account of any other matter required by any party interested or deemed pertinent by the commissioner to be stated.

A. L. FUGUA, Special Commissioner.

221 law 4w

THE BONSAK MILLS.

NEW ROLLER MILL STARTED.

We desire to say to our friends and customers that we are ready to make flour, meal and chops of the best quality at the Bonsak Mills and wish the patronage of all who may favor us with their custom. Special attention given to the exchange with the farmers. Ample protection will be provided to secure safety for all teams. Market prices for all kinds of grain. Yours very truly,
KIRBY & THOMAS

213 3m.

J. F. WINGFIELD,

Real Estate and Insurance Agent

114 Commerce Street,

Stop paying rent and own a home.

House and lot on Church street, \$1,900.

Residence lot, 50x150, in the West End, \$800.

6-room house on East Campbell street, \$1,500; \$100 cash, balance monthly payments.

50x150 on Patterson ave., \$1,000.

3 lots on Center street, back of West End round house, 50x150 feet, \$75 each.

Beautiful 10-room house, all improvements, in best residence section, \$1,500, on easy payments.

50x130 feet on Ninth avenue s. w., \$1,000.

9-room house, all improvements, on the best part of Campbell street, \$1,000.

50x130 feet on Tazewell street, \$1,000.

We have several houses for sale at the business center of the town on easy payments.

NOTICE.

The National Business College will be for the next six months the following reduced rates in order to get young men and young ladies to go for bookkeepers, shorthand and writers. Complete business course, unlimited, \$60; business course, shorthand and typewriting, \$40. Location. Pupils can enter any time with equal advantage. Begin and finish before hot weather.

For further information address or call at the NATIONAL BUSINESS COLLEGE, third floor Times

25.

SPECIAL NOTICES.

Advertisements in this column will repay perusal.

THE SECRET OF SUCCESS IS not so much in what you do as how you do it. Hence our success with \$4, \$1 and \$5 pants.

STONESTEE & REVERS, 312 1m 107 Salem avenue.

WANTED.—A BOY TO WORK IN

BILL'S PRINTING HOUSE. Split-lyr

Roanoke, Va.

NEW PLACE OF BUSINESS.

Mrs. E. Walsak has opened a new place. The popular dyeing, cleaning and repairing, the best and cheapest in the city. No one can make like this house any fancy colors like the shade asked, and make any colors in silk just like new. The place is corner Commerce and Campbell streets, Roanoke, Va. nov25-6m.

VAN WAGONER, SAMPSON &

Gray, General Contractors, Carpenters and Builders. Stair building a specialty. We have also at considerable expense purchased the necessary machinery for house rolling, and can move houses without damage to plaster or furniture.

G. VAN WAGONER, R. R. SAMPSON, J. M. P. GRAY.

307 First street s. w., Roanoke, Va. 210 3mo

THIRD WARD MARKET.—HAV-

ing opened a stall in this market

preparing to fill all orders for fresh meats. Free delivery in any part of city. Every purchase warranted to give satisfaction. Prices low. Give me a trial. W. A. EYLER (et al), 312 1m.

in corner, Third Ward market, formerly with N. Rensch, city market.

Jan29-6m

NICE LODGING ROOMS, 35 AND 37

Railroad avenue, (up stairs),

Rooms 25 to 50c per night. Front and back entrance. Prompt and polite attention.

S. A. COMPERT.

Fine saloon on first floor, No. 35 (Taggart's old stand).

Restaurant No. 23 Railroad avenue, dec16-6mo

J. PETERS & BROS.'S SALOON,

Corner Seventh and Kimball avenues.

Fine Wines, liquors and cigars. Nice reception room for patrons.

Call and see us. Just what you want and good treatment.

dec13-6m

THE ROANOKE TRANSFER

Company is prepared to do all kinds of hauling. They keep good wagons, good teams and responsible drivers. Prompt attention.

Office, Freight depot and Jefferson street, south. Telephone, 119.

oct11-1yr

PEAK & CO.

Private Collecting Agency, Times Building, 113 Henry st., Roanoke.

Masonic Building, Church street, Lynchburg.

Special attention to claims of merchants, doctors, business and professional men generally. No charge unless a collection is made. dec1-1yr

PHOTOGRAPHS TAKEN AT

your home or at our studio by

flash light or by daylight. Development, printing and engraving for amateurs—blue printing. THE ROANOKE STUDIO, 120 Salem avenue.

my15-6m

WILKINSON'S MEAT MARKET AND

Dairy.

Fresh meats, the best and cheapest, at Wilkinson's Stall, 1, City Market. Low prices. Free Delivery.

Leave orders at Wilkinson's Stall, City Market, for fresh milk, cream and butter. Low prices. Free delivery.

nov15-1yr

A. L. FUGUA, ROANOKE, VA.

Gas-fitting, steam-heating, Scientific Sanitary Plumbing, Boilers, Ranges and Hot Air Furnaces.

The latest appliances and most Expert Workmanship.

The plumbing, gas-fitting and steam heating in Hotel Roanoke, J. C. Law's, A. S. Ashberry's, Marshall's Cafe and other fine buildings in Roanoke, done by us, are offered as references.

Estimates furnished from architects' plans for work at any point in Southwest Virginia and the Shenandoah Valley.

A. L. FUGUA, 111 Commerce street, Roanoke, Va. Jan15-1yr

HORSE SHOE HALF DIME RESTAURANT.

No. 109 Nelson street, opposite city market.

Having increased our capacity we furnish more for the money than any restaurant in the country. Our 5, 10 and 15c meals can't be beat. With 15 years' experience and full corps of servants we can fill orders for wedding breakfasts, private parties, balls and lunches at lowest prices.

feb4 CHAS. GRAHAM.

SPECIAL NOTICES.

Advertisements in this column will repay perusal.

SASH, DOORS, BLINDS, CEMENT, ETC.

We have a large stock of sash, doors, blinds, cement, plaster, half, builders' material, etc., on hand. Prices low; orders filled promptly. Try us with an order. JOHN M. TINSLEY & SON, corner Fourth and Henry streets, Bridgewater Carriage Company's old stand. 313 6mo

TO THE PEOPLE OF ROANOKE:

I have resumed business at my old stand, still No. 16, Second market. I will keep the freshest and tenderest meats, and sell at reasonable prices. I ask my old patrons to again place their orders with me. Respectfully,
W. N. SALE.

227

W. C. OVERBY.

DEALER IN FRESH MEATS, Stall 16, City Market.

Fresh beef, veal, mutton and pork always on hand at low prices. Will pay highest cash price for hives, sheep, veals and hogs. Patronage of people of Roanoke solicited. 36 6m

ARTIFICIAL STONE AND PAVING.

The Virginia Artificial Stone and Paving Company, Office, No. 620 First avenue n. w., will contract for artificial stone work, paving, guttering, yard decorations, etc.

Estimates furnished; prices low. All work guaranteed. 225 6mo

J. D. PARIS, Prop'r.

THE RADFORD CIGAR CO.

Sell only Union made cigars. Their brands are:

Cuba Leaf, Perfection and Chieftain.

Hand made and Union made. 227 6m Ask for these brands only.

FRUITS AND CONFECTIONS.

Foreign and Domestic Fruits, Confections, Cakes and Fancy Cooks.

Cigars and Tobacco. My prices are the lowest; my goods new and fresh. Give me a trial and I'll please you. P. C. XANTHAUCOU, 109

SEVENTH AVENUE, S. W.

"ROANOKE STICKERS."

Can be had at THE TIMES office.

1,000.....\$.50 10,000.....\$ 3.75

3,000.....\$ 1.25 25,000.....\$ 8.50

5,000.....\$ 2.00 50,000.....\$ 15.00

Stick them on your letters.

Stick them on the wall.

Stick them everywhere and help advertise the town.

They are the same as the "ears" on the first page of THE TIMES.

FLOWERS! FLOWERS! FLOWERS!

Cut Flowers and Pot Plants always on hand. Germans, parties and wedding favors, and funeral designs a specialty. Fresh flowers received daily. Prices low. T. P. MCKEAN, at Christian & Barbee's. feb9-6m

NOTICE.—ALL Transient advertising must be paid cash in advance, to save cost of booking and collecting. Advertisements in the one-cent-a-word column are one cent for each of the first two insertions and half a cent a word for each subsequent insertion.

WANTED—HELP.

WANTED—6 GOOD MEN AT once to act as solicitors. Experience not necessary. Ten Eyck Portrait Co., room 23, Moomaw building 317 1f.

WANTED—SITUATIONS.

WANTED—SITUATION; THREE years' experience in city; dry goods or some good business. Best of references. Address "E," care Southern Hotel. 316 3t

WANTED—POSITION AS BOOK-

keeper or clerk; years of experience; best reference furnished. Address "S," TIMES office. 32 1mo

WANTED—MISCELLANEOUS.

WANTED—IN A DESIRABLE locality three or four rooms suitable for light housekeeping. Address, stating terms, P. A. A., TIMES office. 318 3t

TELEPHONE 119 IF IN NEED OF

a messenger or have a package or trunk to deliver. Office 8 Jefferson street. Charges moderate. 315 1f

WANTED—EVERYBODY WHO

has any property in Roanoke to sell to list it with us. We want four lots in the Lewis addition, 3 lots in the West End, 2 houses on Church and Campbell avenues and several houses on small cash payments. One 10-room house for rent near Jefferson street. J. F. WINGFIELD, 114 Commerce street. 36

MONEY TO LEND!

I desire to make 15 or 20 \$1,000 Building Association loans.

JNO. W. WOODS, SOLICITOR,

Moomaw Building, Jefferson street. 219 1mo

FOR RENT.

Convenient front office on ground floor. Apply at TIMES BUSINESS OFFICE. 221 1f

FOR EXCHANGE—Crystal Springs

stock for Fairview Cemetery stock. Give terms. BOX 35, Norfolk, Va. 36 3wks

ROOM HOUSE TO RENT AT HOL-

lins. Splendid chance for a dressmaker. Write S. McLAUGHLIN, Hollins, Va. 37 1mo

LARGE PLEASANT ROOMS, CENT-

rally located, 24 Sixth avenue s. w. 221 1m

FOR RENT.

IF YOU WANT TENANTS LIST

your houses with HOGUE & GUNN, rental agents, 55 Salem avenue. Renters please notice. 225 1f

SEE HARTSOOK & ADDISON, THE

renters, 198 South Jefferson street. They have a full list of dwellings and stores to select from. Call on them before you rent. 1f

FOR RENT.

Store, 348 1st ave. s. w. \$30 00

Store, No. 23 3d ave. s. w. 70 00

24 4th ave. n. w. 20 00

28 11th ave. n. w. 15 00

361 9th ave. s. w. 10 10

524 11th ave. s. w. 8 rooms and bath. 20 25

J. S. GROVES, 21 Campbell street.

W. I. WATTS & CO.,

REAL ESTATE AND RENTAL AGENTS,

Office:—112 Jefferson Street, Roanoke, Va.

If you wish to sell or rent property, list it with us. 110 1yr

FOR RENT—ROOMS UNFURNISHED

ed suitable for sleeping rooms, light housekeeping or offices. BROOKS, Photographer, next to Post Office, Jan10-1f.

FOR SALE.

SALE OF HOUSEHOLD AND

kitchen furniture, also piano (Knabe), in good order. Sale commencing at 10 o'clock. No. 40 Fourth ave. n. e. 318 3t

SALE OF PERSONAL PROPERTY.

In obedience to an order of the circuit court of Franklin county, pronounced in vacation, on the 12th day of March, 1892, in the chancery cause of Huff, Andrews & Thomas and Allen & Moseley vs. W. J. Neely and others, now pending in the circuit court of Franklin county, I will, as receiver in said case, sell by way of public auction, on TUESDAY, MARCH 29, 1892, at the railroad plant of W. J. Neely, near Boon's Mill, in Franklin county, immediately on the Roanoke and Southern railway, the following personal property: Forty-seven fine young mules in good condition and well trained to work, thirty-five dump carts, four two-horse wagons, one four-horse wagon, together with the harness used with said mules, carts and wagons, a set of blacksmith's tools, three railroad plows, sixteen scrapers, four dirt carts, a lot of steel, twelve dozen shovels, seventy-five picks, twenty-five maddocks, fifty steel hammers, two dozen stone hammers, two dozen crowbars, forty tents and equipment with the same and a small remnant of a stock of merchandise in the commissary.